Union-type restriction orifice and filtration apparatus using same.

L20 ANSWER 38 OF 121 HCA COPYRIGHT 2002 ACS

AN 128:272136 HCA

IN Nejigaki, Tatsuo

PA Asahi Chemical Industry Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI JP 10085562 A2 19980407 JP 1996-244534 19960917

AB The union-type restriction orifice (UTRO) is formed by arranging a plate member having a hole of prescribed size in the flow path of a union screw or union collar. The filtration app. includes the UTRO for joining 2 pipes to flow a gas or liq., and uniformly distribute the gas or liq. The UTRO is used for uniformly supplying of air (air bubbling) to remove accumulated suspended substances on filtration membranes. The filtration app. can be used for purifn. of water, e.g., lake water, groundwater, seawater, etc.